

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express Mail envelope ER408662385US addressed to : Commissioner of Patents and Trademarks, Washington, D.C. 20231, on October 6, 2003. The applicant and/or attorney requests the date of deposit as the filing date. Depositor: Karen Cinq-Mars

Karen Cinq-Mars 10/6/03
(Signature & date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of _____ : October 6, 2003
Angelopoulos, et al. _____ : Group Art Unit:
Serial No. _____ : Examiner:
Filed: 10/6/2003 _____ : International Business Machines Corporation
2070 Route 52
Hopewell Junction, NY 12533

TITLE: SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure set forth in 37 C.F.R. 1.56, and further pursuant to the provisions of 37 C.F.R. 1.97 and 1.98, applicants hereby respectfully submit copies of the non-US patents and publications as listed on Form PTO-1449, attached hereto.

In citing these documents, no representation is made nor intended as to the pertinency or non-pertinency of the art, that better art than that listed is not available, or that other art is not applicable.

No fee is believed to be due for this submission. If any fees are required, however, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 09-0458.

Respectfully submitted,
Angelopoulos, et al.

By Margaret A. Pepper
Margaret A. Pepper
Registration No. 45,008
Telephone No. 845-894-4713

| | | |
|--|---|--------------------------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | Atty. Docket No. FIS920030196US1 (16715) | Serial No. Unassigned |
| | Applicant Wu-Sung Huang | |
| | Filing Date Herewith | Group Unassigned |

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIAL* | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (if appropriate) |
|------------------------|-----------------|----------|---------------------|-------|----------|---------------------------------|
| | 6,527,966 B1 | 03/04/03 | Shimomura et al. | | | |
| | 6,468,718 B1 | 10/22/02 | Kang et al. | | | |
| | 6,420,088 B1 | 07/16/02 | Angelopoulos et al. | | | |
| | 6,270,948 B1 | 08/07/01 | Sato et al. | | | |
| | 6,114,085 | 09/05/00 | Padmanaban et al. | | | |
| | 6,087,064 | 07/11/00 | Lin et al. | | | |
| | 6,025,117 | 02/15/00 | Nakano et al. | | | |
| | 5,641,849 | 06/24/97 | Nishida et al. | | | |
| | 5,554,485 | 09/10/96 | Dichiara et al. | | | |
| | 5,380,621 | 01/10/95 | Dichiara et al. | | | |
| | 4,891,303 | 01/02/90 | Garza et al. | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | |
| | |
| | |

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|---|--------------------------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | Atty. Docket No. FIS920030196US1 (16715) | Serial No. Unassigned |
| | Applicant Wu-Sung Huang | |
| | Filing Date Herewith | Group Unassigned |

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIAL* | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (if appropriate) |
|------------------------|-----------------|------|------|-------|----------|---------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|---|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | 1 | JP2002164347A | 02/20/02 | Japan | | | | |
| | 2 | | | | | | | |
| | 3 | | | | | | | |
| | | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | Y. Matzuura, et al., "Synthesis of Polysilane-Acrylic Copolymers by Photopolymerization and Their Application to Positive Resists for EB Lithography", <u>Journal of Photopolymer Science and Technology</u> , No. 2, 14: 175-180; (2001). |
| | |
| | |

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.